

Title (en)
BUCKET CRUSHER

Title (de)
SCHAUFELBRECHER

Title (fr)
BROYEUR POUR GODET

Publication
EP 4130391 A1 20230208 (EN)

Application
EP 22187805 A 20220729

Priority
IT 202100020906 A 20210803

Abstract (en)
A bucket crusher (1), comprising a box-shaped bucket body (2) defining a loading compartment (3) and an unloading opening (4), further comprising a crusher unit (5) configured to crush sheet material (12) comprising a cylinder (6) with a plurality of crusher teeth (9) extending from the cylinder wall (8), wherein each crusher tooth (9) extends between a proximal end (10) and a distal end (11), wherein the plurality of crusher teeth (9) comprises at least one high crusher tooth (91) and at least one low crusher tooth (92), and wherein the distance between the cylinder wall (8) and the distal end (11) of the at least one high crusher tooth (91) is greater than the distance between the cylinder wall (8) and the distal end (11) of the low crusher tooth (92).

IPC 8 full level
E02F 3/407 (2006.01); **B02C 1/04** (2006.01); **E02F 3/96** (2006.01)

CPC (source: EP US)
B02C 4/12 (2013.01 - EP); **B02C 4/30** (2013.01 - EP); **B02C 13/2804** (2013.01 - EP); **B02C 18/145** (2013.01 - US); **B02C 18/18** (2013.01 - US); **E02F 3/407** (2013.01 - EP US); **E02F 3/965** (2013.01 - EP US)

Citation (applicant)
FI 12624 U1 20200415 - AJUTECH OY [FI]

Citation (search report)

- [XYI] WO 2012028766 A1 20120308 - ECOMECA OY [FI], et al
- [Y] US 4344581 A 19820817 - REDEMANN RICHARD
- [Y] GB 2454668 A 20090520 - M G H RECYCLING LTD [GB]
- [Y] CA 2848983 A1 20141010 - TAKRAF GMBH [DE]
- [Y] JP 2000070738 A 20000307 - IDEACHIP OY INSINOORITOIMSTO
- [AD] FI 12624 U1 20200415 - AJUTECH OY [FI]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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KH MA MD TN

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DOCDB simple family (application)
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